CLAIMS

I/we claim:

1. A subcutaneous, intramuscular support (1) for a rigid transcutaneous implant (2) to be intracorporeally anchored in a bone stump, comprising:

an intermediate piece (3) to be mounted between a part of the implant (2) to be intracorporeally anchored and an extracorporeal coupling device (4) couplable thereto;

a rigid bushing (5) firmly connected with the intermediate piece (3), such that an annulus (6) is formed between a wall of the bushing (5) and the intermediate piece (3), the annulus being closed in an intracorporeal direction, and the extracorporeal coupling device (4) being insertable into the annulus;

a tube (7) comprising flexible material applied to an outer wall of the bushing (5); and

a metallic wool (8) applied to the flexible tube (7).

2. The support according to claim 1, wherein the bushing (5) is firmly connected to the intermediate piece (3) by shrinking the bushing onto the intermediate piece.

3. The support according to claim 1, wherein the bushing (5) is welded to the intermediate piece (3).

4. The support according to claim 1, wherein the bushing (5) is constructed in one piece with the intermediate piece (3).

5. The support according to claim 1, wherein the flexible tube (7) comprises silicone.

6. The support according to claim 1, wherein the metallic wool (8) comprises titanium fibers.

7. The support according to claim 1, wherein the intermediate piece (3) is a double cone with a cylindrical center section (9), and the bushing (5) is connected to the center section.

8. The support according to claim 1, wherein on the flexible tube (7), a multi-layered metallic web, fabric, mesh and/or a multi-layered metallic wool (8) is applied, which extends around the intermediate piece (3) in a form of a cap.

9. The support according to claim 8, wherein the flexible tube (7) extends from the bushing (5) in a form of a cap.

10. The support according to claim 9, wherein the flexible tube (7) is covered on both sides by a multi-layered metallic web, fabric, mesh and/or a multi-layered metallic wool (8).

11. The support according to claim 8, wherein the multi-layered metallic web, fabric, mesh and/or the multi-layered metallic wool (8) has radially running lines (9) along which the multiple layers are welded together.

12. The support according to claim 1, further comprising at least two slotted, bent clamping rings (23, 24), which during an operation can be slid longitudinally onto the bushing (5) with little play, such that the at least two clamping rings partially grasp between a pair of adjacent rings one layer (22, 25) of a metallic web, fabric, mesh and/or attached metallic wool, wherein the layer extends around the intermediate piece (3) in a form of a cap.

13. The support according to claim 12, comprising more than two clamping rings (23,24), wherein a layer is arranged between each pair of adjacent clamping rings.

14. The support according to claim 12, further comprising a slotted, bent locking ring (26), wherein the locking ring fits against an inner wall of the annulus (6) with very little play and locks the layer (25) most outwardly situated against the clamping ring (24) most outwardly situated.